Amendments to the Specification:

In the amendments below, double-underlined text is the added text. Text which is single-underlined is from the application as filed.

Please amend Table 1 on page 46 of the specification to recite:

Primer		Sequence
1	MutLNcol-hin	CATGCCATGGCGCCCAATTCAGGTCTTACC GCCACAAC (SEQ ID NO:1)
2	MutLXhol-her	CCGCTCGAGCCTCATCTTTCAGGGCTTTT ATCGCCGG (SEQ ID NO:2)
3	MutS-BamHlhin	CGCGGATCCGAGTGCAATAGAAAATTTCG ACGCCCATA (SEQ ID NO:3)
4	MutSXhol-her	CCGCTCGAGCCACCAGGCTCTTCAAGCG ATAAATCCAC (SEQ ID NO:4)

Please amend Table 4 on page 58 of the specification to recite:

Primer		Sequence
5	DapABamHlIF	CGCGGATCCGTTCACGGGAAGTATTGT CGCGATTG (SEQ ID NO:5)
6	dapABamHI+1	CGCGGATCCGCTTCACGGGAAGTATTG TCGCGATTG (SEQ ID NO:6)
7	dapABamHI+2	CGCGGATCCGCGTTCACGGGAAGTATT GTCGCGATTG (SEQ ID NO:7)
8	DapAXhol	CCGCTCGAGCCAGCAAACCGGCATGC TTAAGCGCC (SEQ ID NO:8)
9	DapAEcoRIhin	CCGGAATTCCGGGCATACAACAATCAG AACGGTTCTGTC (SEQ ID NO:9)
10	dapAHindIIIher	CCCAAGCTTGGGCGAAACACCCGCAAC CTTTGCCAGGCG (SEQ ID NO:10)

Please amend Table 6 on page 64 of the specification to recite:

Primer		Sequence
11	cmBbvCl hin	AACCCTCAGCATAATGAAATAAGATCACTAC CGG (SEQ ID NO:11)
12	CmAhdl-her	CAAGACGATCTCGTCAAGATCATCTTATTAA TCAGATAA (SEQ ID NO:12)